



## SEQUENCE LISTING

## **RECEIVED**

APR 3 0 2001 TECH CENTER 1600/2900

<120> IN VIVO PRODUCTION OF SSDNA CONTAINING DNA ENZYME SEQUENCE WITH RNASE ACTIVITY

<130> INGA,004/C/CIP

<140> 09/411,568

<141> 1999-10-04

<150> 09/397,782

<151> 1999-09-16

<150> 09/169,793

<151> 1998-10-09

<150> 08/877,251

<151> 1997-06-17

<150> 08/236,504

<151> 1994-04-29

<160> 29

<170> PatentIn Ver. 2.1

<210> 1

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<212> DNA

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<223> Description of Artificial Sequence: Synthetic oligonucleotide

<220>

<221> modified\_base

<222> (1)..(42)

<223> "n" represents a variable nucleotide

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42

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cgctcttcaa ggccgccgac cttaattaag tcagcggggg atcctttttg ggggctcgtc 180 cgggatcggg agacccctgg ccgctcgagt ctagagggcc cgtttaaacc cgctgatcag 240 cctcgactgt gccttcta <210> 3 <211> 252 <212> DNA <213> Artificial Sequence <220> <223> Description of Artificial Sequence: Synthetic oligonucleotide <400> 3 ccccacccgg atctagactc gagcggccag gggtctcccg atcccggacg agcccccaaa 60 aaggateece egetgaetta attaaggteg geggeettga agageggeeg eacttteteg 120 egeceatete ecaetetate gtgagtgegg eegetettea aggeegeega ecaagettea 180 ccgcggggca gggtggtggt ggtggtggtg gggagcgggg gatccgaatt ctcgagaatt 240 cctggaggag at 252 <210> 4 <211> 250 <212> DNA <213> Artificial Sequence <220> <223> Description of Artificial Sequence: Synthetic oligonucleotide <400> 4 ggctagcgtt taaacttaag cttggtcggc ggccttgaag agcggccgca ctcacgatag 60 agtgggagat gggcgcgaga aagtgcggcc gctcttcaag gccgccgacc ttaatggtgg 120 gegeetegtt gtagetagee teggtgtggg gateettttt gggggetegt eegggategg 180 gagacccctg gccgctcgag tctagagggc ccgtttaaac ccgctgatca gcctcgactg 240 250 tgccttctag <210> 5 <211> 249 <212> DNA <213> Artificial Sequence <220> <223> Description of Artificial Sequence: Synthetic oligonucleotide <400> 5 ggctagcgtt taaacttaag cttggtcggc ggccttgaag agcggccgca ctcacgatag 60 agtgggagat gggcgcgaga aagtgcggcc gctcttcaag gccgccgacc ttaataatgc 120 atgtetegtt gtagetagee caggegggag atcetttttg ggggetegte egggateggg 180 agacccctgg ccgctcgagt ctagagggcc cgtttaaacc cgctgatcag cctcgactgt 240 gccttctag <210> 6

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aqtqqqaqat qqqcqcqaqa aaqtqcqqcc qctcttcaaq qccqccqacc ttaatqatqt 120
aaqteqttqt agetageete eeetggatee ttttttggggg etegteeggg ategggagae 180
ccctggccgc tcgagtctag agggcccgtt taaacccgct gatcagcctc gactgtgcct 240
tctag
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agtgggagat gggcgcgaga aagtgcggcc gctcttcaag gccgccgacc ttaatagatg 120
gagactcgtt gtagctagcc cccttgaggg cagattggcg cccgaacagg gacttgaagg 180
agateetttt tgggggeteg teegggateg ggagaeeeet ggeegetega gtetagaggg 240
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gggggctcgt ccgggatcgg gagacccct
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<400> gggato	20 cagga gctcagatca tgggaccaat gg	32
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<400> acgctt		10
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